

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Neslihan I. Doran (No. 64,883) on 04/06/11.

The application has been amended as follows:

- **Please amend Claims 1, 10, 18 and 21-24 as follows.**

1. (Currently Amended) A method of preventing use of an unauthorized copy of a software program residing on an optical medium, the method comprising:

providing a protection program built on the Advanced SCSI Programming Interface (ASPI) layer, the protection program residing on the optical medium with the software program;

searching, using the protection program residing on the optical medium, for a file on the optical medium prior to determining a media type of the optical medium, the file containing the software program;

determining, using the protection program residing on the optical medium, the media type of the optical medium containing the software program by examining a mode parameter header of the optical medium once the file has been located, the mode parameter header containing a media type code field; and

inhibiting, using the protection program residing on the optical medium, execution of the software program stored on the optical medium if:

the file is missing on the optical medium, or

the optical medium has a media type that indicates that the optical medium is copied.

10. (Currently Amended) A method of authenticating an original optical medium, the method comprising:

accessing the optical medium in a compact disk-read/write (CD-R/W) drive coupled to a computer; and

identifying a protection program built on the Advanced SCSI Programming Interface (ASPI) layer, the protection program residing on the optical medium;

searching, using the protection program residing on the optical medium, for a file on the optical medium prior to checking a media type of the optical medium, the file containing a software program to be authenticated; and

checking, using the protection program residing on the optical medium, the media type of the optical medium by examining a mode parameter header of the optical medium once the file has been located, the mode parameter header containing a media type code field.

18. (Currently Amended) A method of preventing execution of an unauthorized copy of a software program stored on an optical medium, the method comprising:

identifying a protection program built on the Advanced SCSI Programming Interface (ASPI) layer, the protection program residing on the optical medium with the software program;

searching, using the protection program residing on the optical medium, for a file on the optical medium prior to determining a media type of the optical medium, the file containing the software program;

determining, using the protection program residing on the optical medium, the media type of the optical medium by examining a mode parameter header of the optical medium once the file has been located, the mode parameter header containing a media type code field; and

executing the software program stored on the optical medium if:

the file is included on the optical medium, and

the optical medium has a media type that indicates that the optical medium is an original version.

21. (Currently Amended) A computer-readable optical medium containing instructions for preventing use of an unauthorized copy of a software program stored on the optical medium when the instructions are executed on a processing device, the optical medium storing:

instructions for the software program; and

instructions for a protection program built on the Advanced SCSI Programming Interface (ASPI) layer that prevents the unauthorized copy of the software program from being used when the instructions for the protection program are executed on the processing device, the instructions for the protection program comprising instructions for: searching, using the protection program residing on the optical medium, for a file on the optical medium prior to determining a media type of the optical medium, the file containing the software program;

determining, using the protection program residing on the optical medium, the media type of the optical medium containing the software program by examining a mode parameter header of the optical medium once the file has been located, the mode parameter header containing a media type code field; and

inhibiting, using the protection program residing on the optical medium, execution of the software program stored on the optical medium if:

the file is missing on the optical medium, or

the optical medium has a media type that indicates that the optical medium is copied.

22. (currently amended) A computer-readable optical medium containing instructions for interacting with the optical medium when the instructions are executed on a processing device, the optical medium storing:

instructions for a software program; and

instructions for a protection program built on the Advanced SCSI Programming Interface (ASPI) layer that prevents use of an unauthorized copy of the software program, the instructions for the protection program comprising instructions for:

detecting the optical medium in a compact disk-read/write (CD-R/W) drive of a computer;

searching, using the protection program residing on the optical medium, for a file on the optical medium prior to checking a media type of the optical medium, the file containing the software program; and

checking, using the protection program residing on the optical medium, the media type of the optical medium by examining a mode parameter header of the optical medium once the file has been located, the mode parameter header containing a media type code field.

23. (Currently Amended) A computer-readable optical medium containing instructions for preventing execution of an unauthorized copy of a software program stored on the optical medium when the instructions are executed on a processing device, the optical medium storing:

instructions for the software program; and

instructions for a protection program built on the Advanced SCSI Programming Interface (ASPI) layer that prevents the unauthorized copy of the software program from being executed when the instructions for the protection program are executed on the processing device;

searching, using the protection program residing on the optical medium, for a file on the optical medium prior to determining a media type of the optical medium, the file containing the software program;

determining, using the protection program residing on the optical medium, the media type of the optical medium by examining a mode parameter header of the optical medium once the file has been located, the mode parameter header containing a media type code field; and

executing the software program stored on the optical medium if:

the file is included on the optical medium, and

the optical medium has a media type that indicates that the optical medium is an original version.

24. (Currently Amended) ~~An electronic device~~ A system comprising:
an electronic device including:

a memory for storing computer program instructions,

a processor for executing the stored computer program instructions, and
a compact disk-read/write (CD-R/W) drive; and
~~for receiving an optical medium provided in the CD-R/W drive, the optical~~
medium containing a software program and a protection program built on the Advanced
SCSI Programming Interface (ASPI) layer, the protection program including instructions
for:

searching, from the optical medium, for a file on the optical medium
prior to determining a media type of the optical medium, the file containing the
software program,

determining the media type of the optical medium by examining a mode
parameter header of the optical medium once the file has been located, the mode
parameter header containing a media type code field and

inhibiting execution of the software program stored on the optical
medium if the file is missing on the optical medium or the optical medium has a
media type that indicates that the optical medium is copied.

2. The following is an examiner's statement of reasons for allowance: The most relevant
prior art of record, Inokuchi et al. (2004/0133523), teaches a technique for controlling access to
data of a disc by detecting whether a loaded disc is an original disc or a copied disc.

However, the prior art does not disclose a protection program which resides on the
optical medium and is specifically built on the ASPI layer. Additionally, the prior art does not
disclose that this protection program searches/locates a file containing the software program on
the optical medium before determining a media type by examining a mode parameter header
containing a media type code field.

Therefore, Claims 1-8, 10 and 12-24 are allowed as the prior art does not anticipate each
and every limitation recited in the claims, nor would it have been obvious to one of ordinary skill
in the art at the time of invention to modify the prior art to include the particular protection

program on the optical medium which is specifically built on the ASPI layer, as set forth in the allowed claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to EDWARD ZEE whose telephone number is (571)270-1686. The examiner can normally be reached on Monday through Thursday 9:00AM-5:00PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Y. Vu can be reached on (571) 272-3859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Edward Zee/
Examiner, Art Unit 2435